



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Fontana, Jr. et al

Serial No.: 10/054,352

Filed: 01/18/2002

For: HIGH LINEAR DENSITY TUNNEL
JUNCTION FLUX GUIDE READ HEAD
WITH IN-STACK LONGITUDINAL
BIAS STACK (LBS)

)
)
Group No.: 2652
)
Examiner: William Joseph Klimowicz
)
Docket No. SJO920000114US1
)
)
)

RECEIVED

JUN 01 2004

Technology Center 2600

Sir:

SUBSTITUTE AMENDMENT

In response to the Office Action dated 04/27/2004 please accept this "Substitute
Amendment" for the amendment filed 3/11/2004.

05/26/2004 WABDELR1 00000151 502587 10054352
01 FC:1201 172.00 DA
02 FC:1202 108.00 DA

H9/C
6/4/04

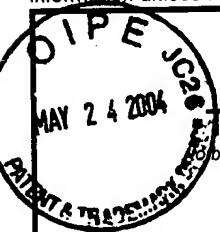
Please type a plus (+) sign inside this box -

2654
PTO/SB/21 REV 1 (12/97)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

		Application Number	10/054,352
		Filing Date	01/18/2002
		First Named Inventor	Fontana Jr. et al
		Examiner Name	William Joseph Klimowicz
		Group Art Unit	2652
Total Number of Pages in This Submission	/2+ postcard	Attorney Docket Number	SJO920000114US1

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment w/Recordation Sheet	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Response/Substitute Amendment	<input type="checkbox"/> Request for Drawing Amendment	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Preliminary Amendment	<input type="checkbox"/> Petition Checklist and Accompanying Petition	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> To Convert a Provisional Application	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Power of Attorney, Revocation	<u>POSTCARD</u>
<input type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> PTO Form 1449 <input type="checkbox"/> () cited references	<input type="checkbox"/> Change of Correspondence Address	<hr/> <hr/>
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> PTO Form 1533	Remarks:	
<input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53	RECEIVED JUN 01 2004 Technology Center 2600	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	Ervin F. Johnston Reg. No. 20190
Signature	
Date	May 18, 2004

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on this date: May 18, 2004

Typed or printed name	Ervin F. Johnston	Date	May 18, 2004
Signature			

Please type a plus (+) sign inside this box ~

PTO/SB/17 REV 1 (12/97)

Approved for use through 09/30/2000, omb 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective November 10, 1998.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12
See 37 C.F.R. §§ 1.27 and 1.28

Complete If Known

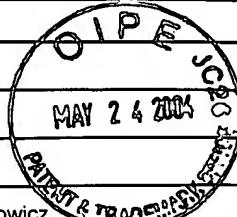
Application Number 10/054,352

Filing Date 01/18/2002

First Named Inventor Fontana Jr. et al

Examiner Name William Joseph Klimowicz

Group / Art Unit 2652



TOTAL AMOUNT OF PAYMENT (\$ 280.00

Attorney Docket No. SJO920000114US1

METHOD OF PAYMENT (check one)

The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number

50-2587

Deposit Account Name

Hitachi Global Storage Technologies

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance. 37 CFR 1.311(b)

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
101 770	201 385	Utility filing fee	
106 340	206 170	Design filing fee	
107 530	207 265	Plant filing fee	
108 770	208 385	Reissue filing fee	
114 160	214 80	Provisional filing fee	
SUBTOTAL (1) (\$)			
2. EXTRA CLAIM FEES			
Total Claims	39	Extra Claims	Fee from below
Independent Claims	33**	= 64	x 18 = 108.00
Multiple Dependent Claims	7	5**	= 2 x 86 = 172.00
** or number previously paid, if greater; For Reissues, see below			
Large Entity			
Fee Code (\$)	Fee Code (\$)	Fee Description	
103 18	203 9	Claims in excess of 20	
102 84	202 42	Independent claims in excess of 3	
104 290	204 145	Multiple dependent claim	
109 86	209 43	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)			
3. OTHER FEES			
Other fee (specify)		Terminal Disclaimer	
Other fee (specify)		Application for Patent Term Adjustment	
Other fee (specify)		Certificate of Correction	
SUBTOTAL (3) (\$)			

RECEIVED

JUN 01 2004

Technology Center 2600

SUBMITTED BY

Typed or Printed Name

Ervin F. Johnston

COMPLETE (if applicable)

Reg. Number

20,190

Signature

Date

May 18, 2004